



Substitute for form 1449/PTO

 INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1 of 6

Application Number	10/591,418
Filing Date	July 10, 2007
First Named Inventor	Roderick SCOTT
Art Unit	1638
Examiner Name	Cynthia E. COLLINS

Attorney Docket Number	68449.000002
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## NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
1.		Accession No. BT000784 "Arabidopsis thalia clone RAFL07-10-G12 (R10939) auxin response factor (At5g62000) mRNA, complete cds." (October 24, 2002).	<input type="checkbox"/>	<input type="checkbox"/>
2.		ADAMS, et al. "Parent-of-origin effects on seed development in <i>Arabidopsis thaliana</i> require DNA methylation," Development, 127, pp. 2493-2502, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
3.		ALEXANDER, et al. "Experimental Ecological Genetics in <i>Plantago</i> : X. The Effects of Maternal Temperature on Seed and Seedling Characters in <i>P. lanceolata</i> ," The Journal of Ecology, Vol. 73, No. 1, pp. 271-282, 1985.	<input type="checkbox"/>	<input type="checkbox"/>
4.		ALONSO, et al. "Genome-Wide Insertional Mutagenesis of <i>Arabidopsis thaliana</i> ," Science, Vol. 301, pp. 653-657, with 2 page Erratum, 2003.	<input type="checkbox"/>	<input type="checkbox"/>
5.		ALONSO-BLANCO, et al. "Natural allelic variation at seed size loci in relation to other life history traits of <i>Arabidopsis thaliana</i> ," Proc. Natl. Acad. Sci. USA, Vol. 96, pp. 4710-4717, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
6.		AUSTIN, "Physiological limitations to cereal yields and ways of reducing them by breeding," Opportunities for increasing crop yields, Pitman Advanced Publishing Program, 1980.	<input type="checkbox"/>	<input type="checkbox"/>
7.		BAKER, et al. "Interactions Among Genes Regulating Ovule Development in <i>Arabidopsis thaliana</i> ," Genetics, 145, pp. 1109-1124, 1997.	<input type="checkbox"/>	<input type="checkbox"/>
8.		BEECKMAN, et al. "Histological Study of Seed Coat Development in <i>Arabidopsis thaliana</i> ," J. Plant. Res., 113, pp. 139-148, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
9.		BOUMAN, "Integument initiation and testa development in some Cruciferae," Bot. J. Linn. Soc., 70, pp. 213-229, 1975.	<input type="checkbox"/>	<input type="checkbox"/>
10.		BOUMAN, "The Ovule," Embryology of Angiosperms, Springer-Verlag, pp. 123-157, 1984.	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
11.		BROWN, et al. "Splice Site Selection in Plant PRE-mRNA Splicing," <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> , 49, pp. 77-95, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
12.		CHENG, et al. "The <i>Miniature1</i> Seed Locus of Maize Encodes a Cell Wall Invertase Required for Normal Development of Endosperm and Maternal Cells in the Pedicel," <i>The Plant Cell</i> , Vol. 8, pp. 971-983, 1996.	<input type="checkbox"/>	<input type="checkbox"/>
13.		CLOUGH, et al. "Floral dip: a simplified method for <i>Agrobacterium</i> -mediated transformation of <i>Arabidopsis thaliana</i> ," <i>The Plant Journal</i> 16(6), pp. 735-743, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
14.		DEBEAUJON, et al. "The <i>TRANSPARENT TESTA12</i> Gene of <i>Arabidopsis</i> Encodes a Multidrug Secondary Transporter-like Protein Required for Flavonoid Sequestration in Vacuoles of the Seed Coat Endothelium," <i>The Plant Cell</i> , Vol. 13, pp. 853-871, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
15.		DEVIC, et al. "The <i>BANYULS</i> gene encodes a DFR-like protein and is a marker of early seed coat development," <i>The Plant Journal</i> , 19(4), pp. 387-398, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
16.		DUVICK, et al. "Post-Green Revolution Trends in Yield Potential of Temperate Maize in the North-Central United States," <i>Crop Sci.</i> , 39, pp. 1622-1630, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
17.		FERREIRA, et al. "Developmental Expression of the <i>Arabidopsis</i> Cyclin Gene <i>cyc1At</i> ," <i>The Plant Cell</i> , Vol. 6, pp. 1763-1774, 1994.	<input type="checkbox"/>	<input type="checkbox"/>
18.		GARCIA, et al. "Arabidopsis <i>haiku</i> Mutants Reveal New Controls of Seed Size by Endosperm," <i>Plant Physiology</i> , Vol. 131, pp. 1661-1670, 2003.	<input type="checkbox"/>	<input type="checkbox"/>
19.		GOTO, et al. "Function and regulation of the <i>Arabidopsis</i> floral homeotic gene <i>PISTILLATA</i> ," <i>Genes &amp; Development</i> , 8, pp. 1548-1560, 1994.	<input type="checkbox"/>	<input type="checkbox"/>
20.		GUILFOYLE and HAGEN (September 2001) "Auxin response factors." <i>Journal of Plant Growth Regulation</i> 20(3): 281-291.	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
	21.	HAGEN, et al. "Auxin-responsive gene expression: genes, promoters and regulatory factors," Plant Molecular Biology, 49, pp. 373-385, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	22.	HU, et al. "The Arabidopsis Auxin-Inducible Gene ARGOS Controls Lateral Organ Size," The Plant Cell, Vol. 15, pp. 1951-1961, 2003.	<input type="checkbox"/>	<input type="checkbox"/>
	23.	JACK, et al. "The Homeotic Gene APETAL3 of Arabidopsis thaliana Encodes a MADS Box and Is Expressed in Petals and Stamens," Cell, Vol. 68, pp. 683-697, 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	24.	JEFFERSON, et al. "GUS Fusions: $\beta$ -glucuronidase as a sensitive and versatile gene fusion marker in higher plants," EMBO Journal, Vol. 6, No. 13, pp. 3901-3907, 1987.	<input type="checkbox"/>	<input type="checkbox"/>
	25.	JONES, et al. "Kernel Sink Capacity in Maize: Genotypic and Maternal Regulation," Crop Physiology and Metabolism, Crop Sci., 36, pp. 301-306, 1996.	<input type="checkbox"/>	<input type="checkbox"/>
	26.	KLUCHER, et al. "The AINTEGUMENTA Gene of Arabidopsis Required for Ovule and Female Gametophyte Development is Related to the Floral Homeotic Gene APETALA2," The Plant Cell, Vol. 8, pp. 137-153, 1996.	<input type="checkbox"/>	<input type="checkbox"/>
	27.	KRANNITZ, et al. "The effect of genetically based differences in seed size on seedling survival in Arabidopsis thaliana (Brassicaceae)," American Journal of Botany, 78(3), PP. 446-450, 1991.	<input type="checkbox"/>	<input type="checkbox"/>
	28.	LEYSER, "Molecular Genetics of Auxin Signaling," Annu. Rev. Plant Biol. 53:377-98, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	29.	LISCUM, et al. "Genetics of Aux/IAA and ARF action in plant growth and development," Plant Molecular Biology, 49, pp. 387-400, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	30.	LOPEZ-DEE, et al. "OsMADS13, A Novel Rice MADS-Box Gene Expressed During Ovule Development," Developmental Genetics, 25:237-244, 1999.	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
	31.	MANGA, et al. "Effect of seed size on developmental traits and ability to tolerate drought in pearl millet," Journal of Arid Environments, 29: 169-172, 1995.	<input type="checkbox"/>	<input type="checkbox"/>
	32.	MARSHALL "Effect of Seed Size on Seedling Success in Three Species of Sesbania (Fabaceae)," Amer. J. Bot., 73(4), pp. 457-464, 1986.	<input type="checkbox"/>	<input type="checkbox"/>
	33.	NESI, et al. "The <i>TT8</i> Gene Encodes a Basic Helix-Loop-Helix Domain Protein Required for Expression of <i>DFR</i> and <i>BAN</i> Genes in <i>Arabidopsis</i> Siliques," The Plant Cell, Vol. 12, pp. 1863-1878, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	34.	NESI, et al. "The <i>Arabidopsis TT2</i> Gene Encodes an R2R3 MYB Domain Protein That Acts as a Key Determinant for Proanthocyanidin Accumulation in Developing Seed," The Plant Cell, Vol. 13, pp. 2099-2114, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	35.	NESI, et al. "The <i>TRANSPARENT TESTA16</i> Locus Encodes the <i>ARABIDOPSIS</i> BSISTER MADS Domain Protein and Is Required for Proper Development and Pigmentation of the Seed Coat," The Plant Cell, Vol. 14, pp. 2463-2479, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	36.	NICHOLAS, et al. "GeneDoc: Analysis and Visualization of Genetic Variation."	<input type="checkbox"/>	<input type="checkbox"/>
	37.	PATRICK, et al. "Post-sieve Element Transport of Sucrose in Development Seeds," Aust. J. Plant Physiol., 22, pp. 681-702, 1995.	<input type="checkbox"/>	<input type="checkbox"/>
	38.	PAUL, et al. "Sink regulation of photosynthesis," Journal of Experimental Botany, Vol. 52, No. 360, pp. 1383-1400, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	39.	ROBINSON-BEERS, et al. "Ovule Development in Wild-Type <i>Arabidopsis</i> and Two Female-Sterile Mutants," The Plant Cell, Vol. 4, pp. 1237-1249, 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	40.	SAGASSER, et al. " <i>A. thaliana</i> TRANSPARENT TESTA 1 is involved in seed coat development and defines the WIP subfamily of plant zinc finger proteins," Genes & Development, 16, pp. 138-149, 2002.	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
	41.	SATO, et al. "Auxin response factor family in rice," <i>Genes Genet. Syst.</i> , 76, pp. 373-380, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	42.	SCHAAL, "Reproductive Capacity and Seed Size in <i>Lupinus texensis</i> ," <i>American Journal of Botany</i> , "Vol. 67, No. 5, pp. 703-709, 1980.	<input type="checkbox"/>	<input type="checkbox"/>
	43.	SCOTT, et al. "Parent-of-Origin effects on seed development in <i>Arabidopsis thaliana</i> ," <i>Development</i> 125, 3329-3341, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	44.	SONI, et al. "A Family of Cyclin D Homologs from Plant Differentially Controlled by Growth Regulators and Containing the Conserved Retinoblastoma Protein and Interaction Motif," <i>The Plant Cell</i> , Vol. 7, pp. 85-103, 1995.	<input type="checkbox"/>	<input type="checkbox"/>
	45.	STALS, et al. "When plant cells decide to divide," <i>Trends in Plant Science</i> , Vol. 6, No. 8, pp.359-364, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	46.	TAKEI, et al. "Identification of Genes Encoding Adenylate Isopentenyltransferase, a Cytokinin Biosynthesis Enzyme, in <i>Arabidopsis thaliana</i> ," <i>The Journal of Biological Chemistry</i> , Vol. 276, No. 28, pp. 26405-26410, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	47.	TILL, et al. "Large-Scale Discovery of Induced Point Mutations With High-Throughput TILLING," <i>Genome Research</i> , 13, pp. 524-530, 2003.	<input type="checkbox"/>	<input type="checkbox"/>
	48.	TIWARI, et al. "The Roles of Auxin Response Factor Domains in Auxin-Responsive Transcription," <i>The Plant Cell</i> , Vol. 15, pp. 533-543, 2003.	<input type="checkbox"/>	<input type="checkbox"/>
	49.	ULMASOV, et al. "Dimerization and DNA binding of auxin response factors," <i>The Plant Journal</i> , 19(3), pp. 309-319, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	50.	ULMASOV, et al. "Activation and repression of transcription by auxin-response factors," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 96, pp. 5844-5849, 1999.	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
51.	VILLANEUVA, et al. "INNER NO OUTER regulates abaxial-adaxial patterning in <i>Arabidopsis</i> ovules," <i>Genes &amp; Development</i> , 13, pp. 3160-3169, 1999.		<input type="checkbox"/>	<input type="checkbox"/>
52.	VINKENOOG, et al. "Hypomethylation Promotes Autonomous Endosperm Development and Rescues Postfertilization Lethality in <i>fie</i> Mutants," <i>The Plant Cell</i> , Vol. 12, pp. 2271-2282, 2000.		<input type="checkbox"/>	<input type="checkbox"/>
53.	WAN, et al. "Early stages of seed development in <i>Brassica napus</i> : a seed coat-specific cysteine proteinase associated with programmed cell death of the inner integument," <i>The Plant Journal</i> , 31(1), pp. 1-10, 2002.		<input type="checkbox"/>	<input type="checkbox"/>
54.	WEBER, et al. "Controlling seed development and seed size in <i>Vicia faba</i> : a role for seed coat-associated invertases and carbohydrate state," <i>The Plant Journal</i> , 10 (5), pp. 823-834, 1996.		<input type="checkbox"/>	<input type="checkbox"/>
55.	WESCHKE, et al. "The role of invertases and hexose transporters in controlling sugar ratios in maternal and filial tissues of barley caryopses during early development," <i>The Plant Journal</i> , 33, pp. 395-411, 2003.		<input type="checkbox"/>	<input type="checkbox"/>
56.	WINN, "Effects of Seed Size and Microsite on Seedling Emergence of <i>Prunella vulgaris</i> in Four Habitats," <i>Journal of Ecology</i> , 73, pp. 831-840, 1985.		<input type="checkbox"/>	<input type="checkbox"/>
57.	YAMADA, et al. "Expression pattern of <i>INNER NO OUTER</i> homologue in <i>Nymphaea</i> (water lily family, Nymphaeaceae)," <i>Dev Genes Evol</i> , 213, pp. 510-513, 2003.		<input type="checkbox"/>	<input type="checkbox"/>
58.	International Search Report of the of the International Searching Authority Report (PCT/ISA/210) mailed February 21, 2006 for PCT/GB2005/000857		<input type="checkbox"/>	<input type="checkbox"/>
59.	Written Opinion of the International Searching Authority mailed February 21, 2006 for PCT/GB2005/000857		<input type="checkbox"/>	<input type="checkbox"/>
60.	International Preliminary Report on Patentability of the International Searching Authority mailed September 5, 2006 for PCT/GB2005/000857		<input type="checkbox"/>	<input type="checkbox"/>

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